ICOSSSE INTES

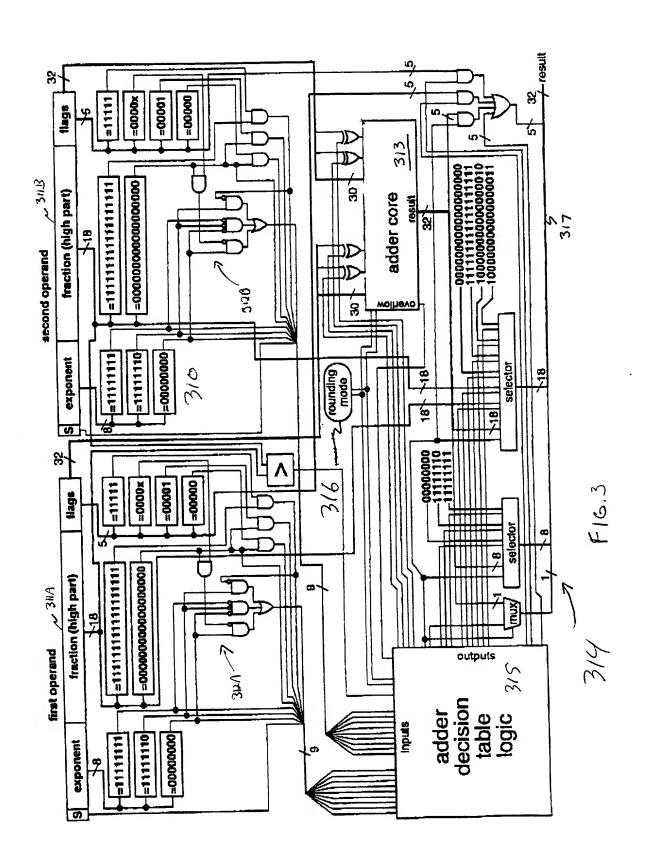
	Value	s	Φ	f
105	8+	0	111	000
120	8	_	111	000
130	NaN	×	111	Not (0 0 0)
140	0 +	0	0 0 0	000
150	0 -	_	000	000
160	(-1)s2e-bias(1.   f)	×	Not (0 0 0) and Not (1 1 1)	×
170	(-1)s2e-blas + 1(0.   f)	×	000	Not (0 0 0)
-				

FIG. 1 (Prior Art)

X = Don't Care

	OPERATION	FIRST OPERAND	SECOND OPERAND	IEEE Result	Improved Result
205~	FP ADDITION w/ Round toward + ∞	- ∞ + ∞	+ ∞ - ∞	NaN NaN	+ ∞ + ∞
206~	FP ADDITION w/ Round toward - ∞	- ∞ + ∞	+ ∞ - ∞	NaN NaN	- ∞ - ∞
207~	FP SUBTRACTION w/ Round toward + ∞	+ & - &	+ ∞ - ∞	NaN NaN	+ ∞ + ∞
208~	FP SUBTRACTION w/ Round toward - ∞	+ ∞ - ∞	+ ∞ - ∞	NaN NaN	- ∞ - ∞
210~	FP MULT w/ Round toward + ∞	+ ∞ - ∞	- 0 + 0	NaN NaN	- 0 - 0
215~	FP MULT w/ Round toward - ∞	+ ∞ - ∞	- 0 + 0	NaN NaN	+ 0 + 0
220~	FP DIV w/Round toward + ∞	- & + & + 0 + 0 - 0 + & + & + & + & + & + & + & + & + & +	+ &	NaN NaN NaN NaN NaN NaN NaN	- 0 - 0 - 0 + 8 + 8 + 8
225	FP DIV w/Round toward - ∞	+ \infty - \infty - 0 + 0 + \infty - \infty - \infty - 0 - 0	- \infty + \infty + 0 - 0 + \infty - \infty + 0 - 0	NaN NaN NaN NaN NaN NaN NaN	- & - & - & - & - & - & - & - & - & - &

FIG. 2



.\* ...;

